

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20020048706".pn. and intercalat\$7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/14 07:57
L2	1	"20020048706".pn. and crystal	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/14 07:58
L3	1	"20020048706".pn. and structure	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/14 07:59
L4	1	"4894302".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/14 08:17
L5	1	4 and intercalat\$7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/14 08:17
S1	1	"4894302".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 08:51
S2	1	"2003506832"	DERWENT	ADJ	ON	2008/02/20 09:16
S3	0	S1 and particle	DERWENT	ADJ	ON	2008/02/20 09:19
S4	0	active material with ("mn. sub.2o.sub.3")	DERWENT	ADJ	ON	2008/02/20 09:22
S5	0	active material with ("mn. sub.2 o.sub.3")	DERWENT	ADJ	ON	2008/02/20 09:22
S6	20	alkaline earth metal anode	DERWENT	ADJ	ON	2008/02/20 09:23
S7	0	S6 and particle	DERWENT	ADJ	ON	2008/02/20 09:23
S8	0	particle and "429".clas.	DERWENT	ADJ	ON	2008/02/20 09:24
S9	13300	particle and "429".clas.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:24
S10	996	S9 and metal (oxide or sulfide) with cathode	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:25
S11	765	S10 and (Cr or Mn or Co)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:26
S12	5646	particle size and "429".clas.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:28
S13	6911	particle (size or diameter) and "429".clas.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:28
S14	550	S13 and metal (oxide or sulfide) with cathode	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:29

S15	386	S14 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:30
S16	118	S15 and magnesium	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:32
S17	0	"2003506832"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:39
S18	0	"2003506832"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 09:39
S19	1	"2003506832"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/02/20 09:39
S20	3	"11345610"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/02/20 09:46
S21	1920	cathode with particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/02/20 09:49
S24	1071	S21 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:51
S25	88	S24 and cobalt oxide	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:52
S26	51	S25 not lithium cobalt oxide	US-PGPUB; USPAT; JPO	ADJ	ON	2008/02/20 09:53
S27	21	("4894302").URPN.	USPAT	ADJ	ON	2008/02/20 12:54
S28	4	S27 and particle	USPAT	ADJ	ON	2008/02/20 14:37
S29	1069	429/224.ccls.	USPAT	ADJ	ON	2008/02/20 14:50
S30	389	S29 and particle (size or diameter)	USPAT	ADJ	ON	2008/02/20 14:51
S31	102	S29 and cathode same particle (size or diameter)	USPAT	ADJ	ON	2008/02/20 14:53
S32	18	S31 not lithium	USPAT	ADJ	ON	2008/02/20 15:03
S33	204	S29 and (cathode or positive electrode) same particle (size or diameter)	USPAT	ADJ	ON	2008/02/20 15:07
S34	2214	429/224.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 15:08
S35	204	S34 and (cathode or positive electrode) same particle (size or diameter)	USPAT	ADJ	ON	2008/02/20 15:08
S36	32	S35 not lithium	USPAT	ADJ	ON	2008/02/20 15:09
S37	26691	(magnesium or Mg or Ca or calcium or Al or aluminum) ion	USPAT	ADJ	ON	2008/02/20 15:19

S38	45087	(magnesium or Mg or Ca or calcium or Al or aluminum) ion	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 15:19
S39	3222	S38 and electrochemical	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 15:20
S40	402	(magnesium or Mg or Ca or calcium or Al or aluminum) ion with electrolyte and electrochemical	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 15:26
S41	89	S40 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 15:27
S42	41	S41 and particle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 15:28
S43	2	"11345610"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 16:19
S44	1088	cathode with particle size	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 16:39
S45	233	S44 and (manganese or iron or cobalt or nickel) oxide	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 16:39
S46	89	S45 not lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 16:40
S47	4	("5660953").URPN.	USPAT	ADJ	ON	2008/02/20 16:43
S48	0	"10589043"	USPAT	ADJ	ON	2008/02/20 16:52
S49	0	"10/589043"	USPAT	ADJ	ON	2008/02/20 16:53
S50	1	"10/589043"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 16:53
S51	1	S50 and particle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/20 16:53
S52	896	(hideki and oki).in. or (yuri and nakayama).in. or (noda and kazuhiko).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 07:54
S53	204	S52 and sony.as.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 07:55
S54	121	S53 and (battery or cell)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 07:55
S55	863	cobalt oxide with cathode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 08:00

S56	1	cobalt (ii) oxide with cathode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 08:16
S57	93	S54 not lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 08:18
S58	1312	alkaline earth metal with (battery or cell)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 08:51
S59	32	S55 and S58	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 09:10
S60	21	("4894302").URPN.	USPAT	ADJ	ON	2008/02/21 09:40
S61	88	alkaline earth metal (anode or negative electrode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/21 09:47
S62	10	(hideki and oki).in. or (yuri and nakayama).in. or (kazuhiko and noda).in.	DERWENT	ADJ	ON	2008/02/26 10:47
S63	896	(hideki and oki).in. or (yuri and nakayama).in. or (kazuhiko and noda).in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 10:47
S64	57	S63 and electrochemical	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 10:48
S65	18	S64 and particle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 10:58
S66	30	pyrite and particle and "429". clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 11:18
S67	1	(JP-59226468-\$).did.	JPO	ADJ	ON	2008/02/26 11:21
S68	1	(JP-59226468-\$).did.	DERWENT	ADJ	ON	2008/02/26 11:21
S69	277	pyrite and particle and electrode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 11:25
S70	236	S69 not lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 11:29
S71	1015	429/221.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 11:30
S72	535	S71 and particle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 11:31
S73	60	S72 not lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 11:31

S74	50	S72 not (lithium or Li)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 12:00
S75	7	cathode particle size and aluminum	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:00
S76	604	cathode with particle size and aluminum	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:04
S77	4	S76 and pyrite	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:08
S78	87	S76 and alkaline earth metal	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:10
S79	1	"4069372".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:19
S80	24325	(calcium or aluminum or magnesium) with (cathode or positive electrode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:22
S81	831	S80 and (calcium or aluminum or magnesium) ion	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:23
S82	405	S81 and electrochemical	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:23
S83	3	S82 and pyrite	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:24
S84	159	S82 and particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:25
S85	863	cobalt oxide with cathode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:36
S86	343	S85 not lithium cobalt	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:36
S87	3	S86 and (calcium or aluminum or magnesium) ion	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/26 13:37
S88	1	"4894302".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 09:52
S89	21	("4894302").URPN.	USPAT	ADJ	ON	2008/02/27 09:52
S90	4	S89 and particle	USPAT	ADJ	ON	2008/02/27 09:52

S91	6	("3926669"   "4009052"   "4049879"   "4060674"   "4069372"   "4082810"   "NA").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/27 09:55
S92	0	S91 and particle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 09:56
S93	175	(cathode or postive electrode) active material with particle (size or diameter)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/27 09:58
S94	19	(cathode or postive electrode) active material with particle (size or diameter)	EPO; JPO	ADJ	ON	2008/02/27 09:58
S95	1	(cobalt oxide or CoO) with particle (size or diameter) and (aluminium or magnesium or calcium or al or mg or ca) ions and electrochemical	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/27 10:10
S96	70	(cobalt sulfide or CoS) with particle (size or diameter) and (aluminium or magnesium or calcium or al or mg or ca) ions and electrochemical	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/02/27 10:13
S97	69	(cobalt sulfide or CoS) with particle (size or diameter) and (aluminium or magnesium or calcium or al or mg or ca) ions and electrochemical	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 10:13
S98	3228	(aluminium or magnesium or calcium or al or mg or ca) ions and electrochemical	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 10:17
S99	936	S98 and particle (size or diameter or measure\$5)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 10:17
S100	42	S98 and (cathode or positive electrode) same particle (size or diameter or measure\$5)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 10:45
S101	1	"4894302".pn. and (aluminum or Al)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 11:37
S102	1	"4894302".pn. and solid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 11:39
S103	1	"4894302".pn. and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 11:42
S104	0	"4894302".pn. and primary	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/27 11:43
S105	1148	alkaline earth metal with (anode or negative electrode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/04 09:26

S106	1734	(magnesium or aluminum or calcium) with ions and "429". clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:00
S107	584	S106 and particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:00
S108	392	S107 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:00
S109	71	S108 and particle (size or diameter) with (cathode or positive electrode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:01
S110	1892	(mg or al or ca) with ions and "429". clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:14
S111	719	S110 and particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:14
S112	529	S111 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:15
S113	100	S112 and particle (size or diameter) with (cathode or positive electrode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:15
S114	1	"4894302".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:33
S115	27	("3926669"   "4009052"   "4049879"   "4060674"   "4069372"   "4082810"   "NA").PN. OR ("4894302"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/06 13:33
S116	2	S115 and particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:33
S117	11898	alkaline and nonaqueous	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:36
S118	222	alkaline with anode and nonaqueous	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:36
S119	191	S118 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:36
S120	10	S119 and particle (size or diameter) with (cathode or positive electrode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:36
S121	120576	alkali near5 alkaline	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:49

S122	1680	S121 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:49
S123	113	S122 and particle (size or diameter) with (cathode or positive electrode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 13:49
S124	73	S123 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:08
S125	257	magnesium ions with electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:15
S126	30	magnesium ions with electrolyte and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:16
S127	4	S126 and particle (size or diameter) with (cathode or positive electrode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:17
S128	0	mangesium ion secondary battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:20
S129	4	magnesium ion secondary battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:20
S130	21	magnesium ion near5 battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:20
S131	2044	"Li.sup.+ " with "Mg.sup.2+ "	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:33
S132	105	S131 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:33
S133	76	S132 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:33
S134	24	S133 and particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 14:43
S135	36	magnesium ion with battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 15:02
S136	15	S135 and particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 15:02
S137	52	magnesium ion same battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 15:08
S138	23	S137 and particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 15:08



S139	8	S138 not S136	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 15:08
S140	1	"20020048706".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 15:36
S141	25	magnesium near5 intercalation	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 15:57
S142	23	S141 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 15:57
S143	157	magnesium with intercalation	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 16:41
S144	130	S143 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 16:41
S145	21	S144 and particle (size or diameter)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/06 16:42
S146	1454	magnesium with battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/07 08:01
S147	84	magnesium with battery and (magnesium ion or "MG.sup. +2" or "mg.sup.2+ ")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/07 08:02
S148	66	S147 and (@ad<="20040213" or @pd<="20040213")	US-PGPUB; USPAT; JPO	ADJ	ON	2008/08/07 08:02
S149	1	(JP-2002100344-\$).did.	JPO	ADJ	ON	2008/08/07 08:46
S150	1	(JP-2004259650-\$).did.	JPO	ADJ	ON	2008/08/07 08:46
S151	1	(JP-2001076720-\$).did.	JPO	ADJ	ON	2008/08/07 08:46
S152	3	S149 or S150 or S151	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/08/07 08:46
S153	0	S149 or S150 or S151	DERWENT	ADJ	ON	2008/08/07 08:46
S154	1	(JP-2002100344-\$).did.	DERWENT	ADJ	ON	2008/08/07 08:46
S155	1	(JP-2004259650-\$).did.	DERWENT	ADJ	ON	2008/08/07 08:47
S156	1	(JP-2001076720-\$).did.	DERWENT	ADJ	ON	2008/08/07 08:47

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